

**Educational Department**

ASSOCIATE EDITORS: J. T. McCOLLUM, J. W. WYAN, A. T. LILLEY, W. W. WYAN, G. W. WYAN, Editor.

**PENMANSHIP.** There has quite recently been very marked improvement in teaching this important branch in the schools of our country. A large proportion of the teachers in our ungraded schools are now capable of doing an efficient work in teaching penmanship as are the teachers in high schools. Any teacher who will carefully study the analysis of letters, and the other instructions in writing found on the covers of most of the printed Spencerian copy books, can, in a few days, become quite a competent penman.

Second—Exercises to secure easy, rapid movement. Third—Accurate knowledge of the form of the letters. Fourth—An abundance of careful, persistent practice.

For teachers in either higher or lower elementary schools are qualified to accomplish very satisfactory results in the first and second. As has been said above, most are qualified, and many skillful, in the third. All can, and should, insist on the fourth for every pupil.

Many of the present copy books penmanship has resulted from ignorance of teachers in the past, the third, or for us of letters. Had the teachers been able to explain to pupils from blackboard the elements of letters, the height, start, width, and shade, pupils would have progressed fully when required to practice, even though the teacher was not a penman.

Some excellent teachers advocate the idea that pupils learn to write most rapidly by simply tracing over faintly printed letters. While this may seem plausible, it is not sustained by practice. A pupil may trace a letter for five or six minutes, and not discover that he should be twice as high as an i, and when required to write on his own he will find that he has written a word of instruction from teacher before he has written a letter.

These lines properly combined are sufficient to form all the small and capital letters—straight line, right curve, and left curve.

Some teachers make a mistake in keeping pupils several days learning these elements. One lesson is long enough to teach these. The second lesson should be some easy letter as i. The third lesson, a, and the combined form of the word in.

Pupils should be told or shown before writing, by teacher, on blackboard, that the i should be formed of right curve, straight line and right curve. That the letter should be commenced at base line and finished head high. That the dot should be one space above. That the a should be formed of left curve, straight line, left curve, straight line, right curve.

While attending college, our friend Anderson filled up his vacation with school-teaching, finding opportunity to keep the late summer term of the village school at Watford. Things went on semimerrily. The location was pleasant, the scholars were well behaved, and the pay was fair. At length, however, there came a hitch. One bright, balm-morning, the scholars found written upon their book of the school-house, in plain characters, "NO SCHOOLS TO DA."

On the following morning the teacher entered the school-room with a portentous frown upon his brow. The notice of the previous day, under the cover of which most of the school had been kept, had been taken away. He had been detected. A scrutiny of the sober, guileless faces before him satisfied Anderson that ordinary inquiries would be of little avail. Gradually the frown disappeared, and he went on with the usual exercises as though nothing had happened.

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**LEHIGH VALLEY**

Arrangement of Passenger Trains to take effect NOVEMBER 10, 1879.

Table with 4 columns: Station, Time, and other details for Lehigh Valley Railroad.

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**CHURCH & CO'S** SODA WATER, ABSOLUTELY AND GENUINELY PURE.

**SALERATUS** Which is the same thing. H. DAVIDOW & BRO., No. 4, Bedford Block, Bridge-st., Towanda, Pa.

**CLOTHING HALL** OF M. E. ROSENFIELD, Main St., Towanda, Pa.

**UNDERWEAR** Gents' Furnishing Goods, Hats, Caps, Umbrellas, &c.

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A perfect remedy for Scrophulous, White Swelling, Cancer, Erysipelas, Boils, Carbuncles, Sore Throat, Glands, Rheumatism, Dropsy, and all diseases indicating an Impure Condition of the Blood. This Grand Remedy is a compound of vegetable and mineral ingredients, the chief of which are HARPAGOFITIS and SYLVIA. It cures eczema and all eruptions of the skin. It purifies the blood, and restores the system to its normal condition.

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**VEGETABLE WORM SYRUP** Instantly destroys WORMS and is recommended by physicians as the best WORM MEDICINE.

**BAKER'S PAIN PANACEA** For MAN AND BEAST. For External and Internal Use. The Greatest Pain Reliever of the Age.

**DRYTON'S BALM** CURES COUGHS, COLIC, ETC. Can be used as a Plaster. PREPARED BY ALL DRUGGISTS.

**GRAY'S SPECIFIC MEDICINE** TRADE MARK. E. & L. S. B. It will promptly cure all cases of Gonorrhea, Syphilis, and all venereal diseases. It is a powerful and reliable remedy, and its use is recommended by all physicians.

**ELY'S CREAM BALM** FOR RHEUMATISM, BRUISES, BURNS, AND ALL AFFECTIONS OF THE SKIN. It is a powerful and reliable remedy, and its use is recommended by all physicians.

**STOP THAT COUGH** BY USING DR. BERMAN'S COUGH AND CONSUMPTION CURE. It is a powerful and reliable remedy, and its use is recommended by all physicians.

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C. S. RUSSELL, Agent, TOWANDA, PA.

**FIRE, LIFE, AND ACCIDENT POLICIES** Issued on the most reasonable terms. None but reliable companies represented. Losses adjusted and paid here.

**COAL** CORNER PARK AND RIVER STREETS, TOWANDA, PA. Coal screened, and delivered to any part of the town. All orders must be accompanied by this card.

**NEW ARRANGEMENT** IN THE COAL BUSINESS. The undersigned having purchased from Mr. McKean the COAL YARD AT THE FOOT OF PINE STREET, NEAR THE COURT HOUSE, he has the pleasure of announcing that he has secured the patronage of his old friends and the public generally, and will supply all orders on short notice.

**STEVENSON & LONG** General Dealers in GROCERIES, PROVISIONS, AND COUNTRY PRODUCE. HAVE REMOVED TO THEIR NEW STORE, CORNER OF MAIN & PINE STS.

**Wholesale Druggists** GERRY & MORRELL, (Established 1827) WHOLESALE DRUGGISTS. DRUGGISTS, SUNDRIES, PATENT MEDICINES, &c., &c.

**LADIES AND GENTS** WM. ROBERTS' CELEBRATED DYE-CLEANING WORKS, 424, 426 & 123 WATER-ST., ELMIRA, N.Y. Established 1855.

**WOODEN WATER PIPE AND CHAIN PUMP TUBING.** The undersigned having resumed business at his old place, he is now ready to furnish, on short notice, all orders in need of Pipe, with a superior article, AT PRICES TO SUIT THE TIMES.

**Wholesale and Retail** A. WYCKOFF, (Successor to S. H. HOBBS, Elmira, N.Y.) 123 R. R. AVE., ELMIRA, N.Y. Kinist, June 10, 1879.

**Jarm and Tonschold.**

Unbolted Flour.

Experience seems to teach, says the farmer, that a certain number of individuals, actuated by one idea, are absolutely inseparable from the economy of this world. Among these people whose ostensible mission is to show the rest of the world the short-comings of their system, have been so persistent in their efforts to reform the abuses which they think the world is practicing that the dietetic reformers who insist that the case of civilized man is deplorable and needs to be corrected by the light of science. The one particular hobby which nearly all these scientific visionaries ride is the horrible consequences arising from the use of bolted flour, and the suffering of a bolted flour as a panacea for all existing physical ills. Words do not seem strong enough to convey the full force of detestation in which Grahamites hold white flour, and all the physical ills which attend its use. Deceased teeth, weak nerves, soft bones, and a hundred other human deficiencies are traced to its habitual use, and unbolted flour held up as the only salvation from its pernicious effects.

**How Long Bees Live.** A correspondent of the Western Farmer has given the following result of an experiment made to ascertain the duration of life in bees. I thought I would be satisfied myself in regard to the life of the bee in the height of the working season. I had a stand of little black bees of the genuine stingers, and on the morning of May 30 I killed the queen, and by carefully looking through their hive I found one black drone, and destroyed it that evening of the same day. I put in a call for a yellow queen on the 24 of June. She was hatched out and there were a few yellow bees in the hive on 30th, in just 21 days from the time her first eggs were deposited. On July 7 a few yellow bees were to be seen playing around the hive, and on the 15th day of July, just fourteen days from the time the yellow bees were hatched out, a few were seen at work with the black bees. Now, any one can see that if the yellow bees were hatched in 21 days the black bees were all out by the 20th of June, and if the yellow bees went to work on the 12th of July, the last of the black bees must have been hatched on the 4th of July, making 45 days from the time they were hatched unless one will go to work sooner than the other. This stand contained nothing but black bees when the black queen was destroyed, and on the 24th of July, just 49 days from the time the black queen was destroyed, there was not a black bee to be seen about the hive. I opened it; not one was to be seen inside. Now I know that the yellow bees were hatched on the 4th of July, making 45 days from the time they were hatched unless one will go to work sooner than the other. This stand contained nothing but black bees when the black queen was destroyed, and on the 24th of July, just 49 days from the time the black queen was destroyed, there was not a black bee to be seen about the hive. I opened it; not one was to be seen inside. Now I know that the yellow bees were hatched on the 4th of July, making 45 days from the time they were hatched unless one will go to work sooner than the other.

**EVERY large dog has a naturally chivalrous feeling towards little children, but for faithfulness, uniform good temper, patience and beauty, nothing can equal the English mastiff. I have had one for two years; he had been constantly with the children, and I have never known him to give them a cross look. I have seen five or six children rolling over him at once, and he has accepted their very rough attentions with perfect good nature. When tired of their play, he would simply walk with a steady tread to another part of the room or grounds. Of course, any dog who is to be the companion of children, must be brought up with them. He must be admitted to the family life, not kept too much outside. Even with very small children the mastiff is very desirable, for he seems to have a keen eye for their strength and size, and to use special caution in approaching them.**

**LIGHT AND VENTILATION.**—In the stalls, stables and pens of our farms, stock light and ventilation are important. In the stalls, stock should be kept in good light and air. In the pens, stock should be kept in good light and air. In the stalls, stock should be kept in good light and air. In the pens, stock should be kept in good light and air.

**ORANGE SOUP.**—Dissolve an ounce of isinglass in a pint of boiling water; strain it, and let it stand until nearly cold. Put in a pint of orange juice, and mix with it a pint of sugar; add the whites of three eggs and sugar to taste; whisk the whole together until it looks white and like a sponge; put it into a mould, and turn it out on a plate. This is a delicious and refreshing soup.

**CHARLOTTE RUSSE.**—One quarter of a paper of gelatine put in a cup of milk and set where it is warm until it dissolves; one quart of cream sweetened and flavored to the taste; with an equal quantity of butter, and a little milk and gelatine and beat with an egg beater until it is light; with a "whisk" fingers, cut them straight, dip their edges in white of an egg to make them adhere; put them in the mould and then pour in the best cream.

**CRABAPPLE JELLY.**—Put the berries to cover with hot water enough to cover them; let them boil for ten minutes; add a pint of water; add the whites of three eggs and sugar to taste; whisk the whole together until it looks white and like a sponge; put it into a mould, and turn it out on a plate. This is a delicious and refreshing soup.

**FRUIT PUDDING.**—One can of sweet three cups of flour, one cup of raisins, one cup of currants, one teaspoon of soda. Rub the finely-chopped sugar into the flour, add the molasses, then the butter, and mix it all together. Pour over a cup of good milk, or better still, cream. Bake half an hour and serve in the dish it is baked in. We saw a girl the other day who was just this "pretty as she could be," but for that, she couldn't be any prettier.